

Air Permitting and Regulatory Compliance based on Ontario Regulation 346

Air 101/02. Fundamentals of Air Pollution

A two days course on basic air pollution covering the following:

- Basics of Atmosphere
- Air Pollution Problems in Ontario
 - Ground Level Ozone (smog)
 - Secondary Aerosol formation
 - Acid Rain
 - Greenhouse Gas emissions
- Sources of Air Pollution in Ontario
- Air Pollution Measurement and Emission Estimates
- Meteorology for Air Pollution
- Fundamental of Dispersion Modeling
 - Ontario Regulation 346 dispersion model (SCREEN)
 - USEPA ISC Model
 - USEPA AERMOD Model
 - CALINE Model

Course Fee: C\$500

Course Location: Brampton, Ontario

Air 102/02. Step-by-Step Procedure for Air Quality Consultancy in Ontario

A three days course on Procedure for Preparing Emission Summary and Dispersion Modeling report based on Ontario Regulation 346 and National Pollutants Inventory Release (NPRI) based on Reg. 127. This course has a pre-requisite of Course Air 101/02.

- Basics of Ontario Regulation 346 and Regulation 127
- Emission Summary and Dispersion Modeling Report
 - Facility Description
 - Source Summary Table
 - Dispersion Calculations
 - Emission Summary Table
- Monthly, Quarterly, and Annual Emission Estimates
- Report Preparation
- Case Study I
- Case Study II

Course Fee: C\$800

Course Location: Brampton, Ontario